

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	Docket Number (Optional) 200-0031	Application Number
	Applicant(s) Buttolo et al.	
	Filing Date Herewith	Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB		4,474,035	10/2/84	Amin et al.	62	503	
		5,150,452	9/22/92	Pollack et al.	700	255	
		5,177,982	1/12/93	Plemens	62	503	
		5,347,459	9/13/94	Greenspan et al.	700	255	
		5,515,489	5/7/96	Yaeger	345	473	
		5,548,694	8/20/96	Frissen Gibson	345	424	
		5,572,634	11/5/96	Duluk, Jr.	345	419	
		5,694,013	12/2/97	Stewart et al.	318	561	
		5,761,391	6/2/98	Sato et al.	700	255	
		5,973,678	10/26/99	Stewart et al.	345	184	
✓		6,049,756	4/11/2000	Libby	701	301	

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09/686601

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		Cheng, H.H., Real-Time Four-Dimensional Collision Detection for an Industrial Robot Manipulator, Journal of Applied Mechanisms and Robotics, Vol. 2, No. 2, April, 1994, pp 20-33

EXAMINER ABroda	DATE CONSIDERED 28 March 2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.